

## WEST Search History

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DATE: Tuesday, March 01, 2005

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<input type="checkbox"/>	L8	L3 and activation tagging	1
<input type="checkbox"/>	L7	L6 and activation tagging	1
<input type="checkbox"/>	L6	L3 and homologous recombination	99
<input type="checkbox"/>	L5	L4 and homologous recombination	34
<input type="checkbox"/>	L4	L3 and maize	40
<input type="checkbox"/>	L3	L2 and negative select\$	116
<input type="checkbox"/>	L2	L1 and positive select\$	172
<input type="checkbox"/>	L1	transposase	1060

END OF SEARCH HISTORY

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FILE 'HOME' ENTERED AT 14:03:19 ON 01 MAR 2005

=> file agricola caplus biosis

**COST IN U.S. DOLLARS**

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SINCE FILE ENTRY 0.21	TOTAL SESSION 0.21
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FILE 'AGRICOLA' ENTERED AT 14:03:28 ON 01 MAR 2005

FILE 'CAPLUS' ENTERED AT 14:03:28 ON 01 MAR 2005

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FILE 'BIOSIS' ENTERED AT 14:03:28 ON 01 MAR 2005

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=> s transposase and positive and negative  
L1 69 TRANSPOSAE AND POSITIVE AND NEGATIVE

```
=> dup rem l1
PROCESSING COMPLETED FOR L1
L2          60 DUP REM L1 (9 DUPLICATES REMOVED)
```

=> l3 and coda  
L3 IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s 13 and coda  
L3 NOT FOUND  
The L-number entered could not be found. To see the definition  
of L-numbers enter DISPLAY HISTORY at an arrow prompt (=>).

=> s 12 and coda

=> d 12 1=10 ti

L2 ANSWER 1 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Method for identification of the indicators of contamination in liquid  
samples.

L2 ANSWER 2 OF 60 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1  
TI The positive and negative regulation of Tn10  
transposition by IHF is mediated by structurally asymmetric transposon  
arms

L2 ANSWER 3 OF 60 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.

TI (2005) on STN DUPLICATE 2  
Germline transformation of the sawfly, *Athalia rosae* (Hymenoptera: Symphyta), mediated by a piggyBac-derived vector.

L2 ANSWER 4 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Characterization of class 1 integron resistance gene cassettes and the  
identification of a novel IS-like element in *Acinetobacter baumannii*.

L2 ANSWER 5 OF 60 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3  
TI Long and short mRNAs transcribed from the medaka fish transposon Tol2  
respectively exert **positive** and **negative** effects on  
excision

L2 ANSWER 6 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Identification of genes affecting fluconazole susceptibility in *Candida*  
*glabrata* using a custom transposon.

L2 ANSWER 7 OF 60 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Transposable luciferase expression cassettes for **Gram positive**  
bacteria and their use to monitor bacterial infections by *in situ*  
bioluminescence

L2 ANSWER 8 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI **Transposase**-dependent formation of circular IS256 derivatives in  
*Staphylococcus epidermidis* and *Staphylococcus aureus*.

L2 ANSWER 9 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Diversity of Tn4001 transposition products: The flanking IS256 elements  
can form tandem dimers and IS circles.

L2 ANSWER 10 OF 60 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
TI Bacterial genomic islands: Organization, function, and evolutionary role.

=> s 12 and marker  
L4 5 L2 AND MARKER

=> d 1-5 ti

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Transposable luciferase expression cassettes for **Gram positive**  
bacteria and their use to monitor bacterial infections by *in situ*  
bioluminescence

L4 ANSWER 2 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Identification of genes affecting fluconazole susceptibility in *Candida*  
*glabrata* using a custom transposon.

L4 ANSWER 3 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI pTn5cat: A Tn5-derived genetic element to facilitate insertion  
mutagenesis, promoter probing, physical mapping, cloning, and  
marker exchanges in phytopathogenic and other gram-  
negative bacteria.

L4 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Testing transposable elements as genetic drive mechanisms using *Drosophila*  
P element constructs as a model system.

L4 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Identification of IS1356, a new insertion sequence, and its association  
with IS402 in epidemic strains of *Burkholderia cepacia* infecting cystic  
fibrosis patients.

=> s (ac or ds) and transpos?  
L5 1738 (AC OR DS) AND TRANSPOS?

=> s 15 and vector  
L6 113 L5 AND VECTOR

=> s 16 and transgenic  
L7 55 L6 AND TRANSGENIC

=> dup rem 17  
PROCESSING COMPLETED FOR L7  
L8 39 DUP REM L7 (16 DUPLICATES REMOVED)

=> d 1-10 ti

L8 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Fumonisin detoxification enzyme gene isolated from environmental  
microorganisms, compositions and methods for making fumonisin-resistant  
transgenic plants, and detoxification for grains and foods and  
feeds

L8 ANSWER 2 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Application of acids transposon system to generate marker gene  
free transgenic plants in rice

L8 ANSWER 3 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Method for constructing a tag system comprising transposase  
-coding genes and use for tagging plant genes

L8 ANSWER 4 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
TI GST-MAT vector for the efficient and practical removal of marker  
genes from transgenic plants

L8 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Methods for site-associated modification of gene activity and nucleic acid  
structure

L8 ANSWER 6 OF 39 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2005) on STN DUPLICATE 1  
TI Transposon-mediated single-copy gene delivery leads to increased  
transgene expression stability in barley.

L8 ANSWER 7 OF 39 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Timing of transposition of Ac mobile element in  
potato.

L8 ANSWER 8 OF 39 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Activation of non-autonomous maize transposable element,  
Dissociation (Ds), by Ac-transposase in  
carrot.

L8 ANSWER 9 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Transposon tagging and gene delivery in small grain cereals

L8 ANSWER 10 OF 39 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
TI Frequency and pattern of transposition of the maize  
transposable element Ds in transgenic rice  
plants.

=> d ab

L8 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
AB In one aspect, the invention provides methods of enzymic detoxification of  
aminated toxins, e.g., mycotoxins, such as fumonisin. The invention  
provides methods to enzymically detoxify plants, foods or feeds or any  
contaminated product or surface, including detoxification of mycotoxins,

such as fumonisin, e.g., fumonisin B1 and fumonisin B2. The invention provides methods to prevent the contamination of plants, foods or feeds or any contaminated product or surface by application or a polypeptide having a deaminase activity. In one aspect, the invention relates to protein and cDNA sequences of 44 polypeptides having an aminotransferase, an aminomutase and/or a deaminase activity isolated from environmental microorganisms.

=> d pi

L8 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
PATENT NO. KIND DATE APPLICATION NO. DATE  
----- ----- ----- -----  
PI WO 2004085624 A2 20041007 WO 2004-US9054 20040324  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
TD, TG

=> d 2 ab

L8 ANSWER 2 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
AB The **Ac/Ds** transposon system was presented  
for removal of hygromycin phosphotransferase (hpt) selection marker gene  
to obtain marker-free transgenic plants in rice (*Oryza saliva*  
L.). **Ds** element containing the interesting gene bar was constructed  
next to the selection marker gene hpt to get **Ds-T-DNA**. Rice  
plants were transformed by *Agrobacterium tumefaciens* EHA105 containing  
**Ac-T-DNA** and **Ds-T-DNA**, resp. Rice plant containing single  
copy **Ac-T-DNA** was crossed with plant containing single copy  
**Ds-T-DNA** to obtain the F1 plant containing both **Ac** and  
**Ds** elements. F1 plant was self-crossed to produce F2 progeny in  
which T-DNA insert and transposed **Ds** element  
segregated independently. 2 plants contained **Ds** element but no  
hpt marker gene in total 100 F2 plants. The result indicated that  
**Ac/Ds** transposon system could be used as a  
vector system for generating marker gene free transgenic  
plants in rice.

=> d so

L8 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
SO PCT Int. Appl., 254 pp.  
CODEN: PIXXD2

=> d pi

L8 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2005 ACS on STN  
PATENT NO. KIND DATE APPLICATION NO. DATE  
----- ----- ----- -----  
PI WO 2004085624 A2 20041007 WO 2004-US9054 20040324  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
TD, TG

=> s ((lam e?) or (lam, e))/au  
L9 561 ((LAM E?) OR (LAM, E))/AU

=> s l9 and transposase  
L10 1 L9 AND TRANSPOSAE

=> d ti

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Compositions and methods for targeted gene insertion

=> s l9 and transpos?  
L11 2 L9 AND TRANSPOS?

=> dup rem l11  
PROCESSING COMPLETED FOR L11  
L12 2 DUP REM L11 (0 DUPLICATES REMOVED)

=> d 1-2 ti

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Compositions and methods for targeted gene insertion

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN  
TI From footprint to function: an approach to study gene expression and  
regulatory factors in transgenic plants

=> s l9 and ds  
L13 5 L9 AND DS

=> dup rem l13  
PROCESSING COMPLETED FOR L13  
L14 3 DUP REM L13 (2 DUPLICATES REMOVED)

=> d 1-3 ti

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1  
TI H2O2 induces a transient multi-phase cell cycle arrest in mouse  
fibroblasts through modulating cyclin D and p21Cip1 expression

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2  
TI BCR-ABL and interleukin 3 promote hematopoietic cell proliferation and  
survival through modulation of cyclin D2 and p27Kip1 expression

L14 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Compositions and methods for targeted gene insertion

=> s l9 and homologous recombination  
L15 6 L9 AND HOMOLOGOUS RECOMBINATION

=> dup rem l15  
PROCESSING COMPLETED FOR L15  
L16 4 DUP REM L15 (2 DUPLICATES REMOVED)

=> d 1-4 ti

L16 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Compositions and methods for targeted gene insertion

L16 ANSWER 2 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Targeted gene insertion in higher plants via **homologous**  
recombination.

L16 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
TI Targeted disruption in *Arabidopsis*

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of America. It contains copyrighted materials. All rights reserved.  
(2005) on STN DUPLICATE 1  
TI Targeted disruption of the TGA3 locus in *Arabidopsis thaliana*.